## TRANSMITTAL OF INFORMATION DISCLOSURE STATEMENT Docket No. (Under 37 CFR 1.97(b) or 1.97(c)) 1486-ARMY In Re Application: Hayek et al. Group Art Unit Examiner Serial No. Filing Date 10/048,110 1/25/02 C.H. Layno 3762 ND METHOD FOR DIAGNOSING PATHOLOGIC HEART CONDITIONS Payment of Fee (Only complete if Applicant elects to pay the fee set forth in 37 CFR 1.17(p)) A check in the amount of is attached. $\boxtimes$ The Director is hereby authorized to charge and credit Deposit Account No. 01-22.18as described below. Charge the amount of \$180.00 Credit any overpayment. Charge any additional fee required. Certificate of Transmission by Facsimile\* Certificate of Mailing by First Class Mail I certify that this document and authorization to charge deposit I certify that this document and fee is being deposited account is being facsimile transmitted to the United States on May 18,2004 with the U.S. Postal Service Patent and Trademark Office (F: as first class mail under 37 C.F.R. 1.8 and is addressed to the Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450. (Date) Signature of Person Mailing Correspondence Signature Elizabeth Bunda-Lee Typed or Printed Name of Person Signing Certificate Typed or Printed Name of Person Mailing Certificate \*This certificate may only be used if paying by deposit account. Dated: May 17, 2004 Signature Francis A. Cooch Reg. No. 31,495 THE JOHNS HOPKINS UNIVERSITY **Applied Physics Laboratory** 11100 Johns Hopkins Road Laurel, Maryland 20723-6099 240-228-5640 CC:

TRANSMITTAL OF INFORMATION DISCLOSURE STATEMENT Docket No. (Under 37 CFR 1.97(b) or 1.97(c)) 1486-ARMY In Re Application Of: Hayek et al. Serial No. Examiner Filing Date Group Art Unit 10/048,110 1/25/02 C.H. Layno 3762 AND METHOD FOR DIAGNOSING PATHOLOGIC HEART CONDITIONS Address to: Commissioner for Patents P.O. Box 1450 Alexandria, VA 22313-1450 37 CFR 1.97(b) ☐ The Information Disclosure Statement submitted herewith is being filed within three months of the filing of a national application other than a continued prosecution application under 37 CFR 1.53(d); within three months of the date of entry of the national stage as set forth in 37 CFR 1.491 in an international application; before the mailing of a first Office Action on the merits, or before the mailing of a first Office Action after the filing of a request for continued examination under 37 CFR 1.114. 37 CFR 1.97(c) Mark The Information Disclosure Statement submitted herewith is being filed after the period specified in 37 CFR 1.97(b), provided that the Information Disclosure Statement is filed before the mailing date of a Final Action under 37 CFR 1.113, a Notice of Allowance under 37 CFR 1.311, or an Action that otherwise closes prosecution in the application, and is accompanied by one of: ☐ the statement specified in 37 CFR 1.97(e); OR the fee set forth in 37 CFR 1.17(p). 05/10/2004 JADDO1 00000050 012218 10048110 01 C:1806 180.00 DA

	/	2 6		1486-ARM`	Y				
		RMATION DISCLOSURI	E CITATION	Applicant(s) Hayek et al.	·				
MAY 20 2004				Filing Date		Group Art Unit 3762			
/2	REF	- CALARIES		U.S. PATENT DOCUMENTS					
EXAMINER INITIAL	REF	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	JBCLASS FILING DATE  IF APPROPRIATE		
	A	4,428,381	1/31/84	Нерр					
	В	4,458,693	7/10/84	Badzinski et al.					
	С	5,012,815	5/7/91	Bennett, Jr. et al.					
	D	5,301,679	4/12/94	Taylor					
	E	5,687,738	11/18/97	Shapiro et al.					
	F	5,957,866	9/28/99	Sharpiro et al.					
	G	6,05,0950	4/18/00	Mohler					
•	Н	6,478,744	11/12/02	Mohler					
•	1	6,572,560	6/3/03	Watrous et al.					
	J	6,629,937	10/7/03	Watrous					
	K	US2002/0052559	5/2/02	Watrous					
				FOREIGN PATENT DOCUMENTS		_			
	REF	DOCUMENT NUMBER DATE		COUNTRY	CLASS	SUBCLASS	Trans YES	lation NO	
	ւ	WO 99/52436	10/21/99	WIPO					
	М	WO 02/096293	12/5/02	WIPO					
	_								
				OTHER DOCUMENTS (Including	Author, Title, D	ate, Pertinent Pa	ges, Etc.)		
-		"Automatic Detectinof Medical and Biological	Sounds and Mu Engineering Co	rmurs in Patients With Lonescu-Shilo mputing, Sept. 1989, pp. 449-455	ey Aortic Biop	rstheses", Bara	nek, H.L. 6	et al.,	
	1	N						:	
	-				<u>.                                    </u>				
XAMINE	₹	<u> </u>		DATE CONSIDERED	DATE CONSIDERED				
XAMINE	R: Initia	al if citation considered, whether	or not citation is i	n conformance with MPEP Section 609;	Draw line throu	gh citation if not	in conforma	ınce an	
ot consider	ed. Inc	clude copy of this form with next	communication to	applicant.					

Docket Number (Optional)

Application Number

(IPK)					ATTY DOCKET NO. 1486-ARMY		SERIAL NO.			
10	`INFC	TION DISCLOSURE	CITATION sary)	Hayek et al.						
YAM	202	or Si	FILING		GROUP 3762					
TEM .	TRADE	MARTE STATE OF THE	U.	S. PATENT	DOCUMENTS	-		•		
*EXAMINER		DOCUMENT NUMBER	DATE	NAME		CLASS	SUBCLASS	FILING DATE IF APPROPRIATE		
	o	US 2003/0093003	5/15/03	Watrous et al.					_	
•					···					
•										
	•		FORE	EIGN PATE	NT DOCUMENTS					
		DOCUMENT NUMBER DATE			COUNTRY	CLASS	SUBCLASS	SS TRANSLATION YES NO		
·										
		OTHER DOCUME	NTS (Includin	ng Author	, Title, Date, Pertine	nt Pages, Etc.)		·		
•			· <del>-</del>							
EXAMINER				DATE CONSIDERED						
EXAMINE considered	R: Initia	al if reference considered, whethe de copy of this form with next con	r or not citation is	in conforma	ance with MPEP 609; Dr	aw line through cit	ation if not in co	nformance	and no	
		-17		,						

Form PTO-A820 (also form PTO-1449)

P09C/REV03